

## REMARKS

As a preliminary matter, Applicants appreciate the Examiner's indication of allowable subject matter contained in claims 3-4, 9-10, 15, 18-19, 22, and 25-26.

Claims 1-2, 5-8, 11-14, 16-17, 20-21, and 23-24 stand rejected under 35 U.S.C. 102(b) as being anticipated by Ogino et al. (U.S. Patent No. 5,398,040). In response, Applicants amended the independent claims to clarify that the gate-on voltage corresponding to a magnitude of the change is output according to a change of the vertical scanning frequency or the horizontal scanning frequency detected, and respectfully traverse the rejection as it applies to the amended claims.

Ogino is directed to an adaptive crosshatch signal generator that includes a frequency detector for detecting a horizontal scanning frequency. Ogino provides an output based on a detected frequency (*i.e.*, voltage is  $E_{TH}$  proportional to the horizontal scanning frequency  $f_H$ , and the voltage  $E_{TV}$  proportional to the vertical scanning frequency  $f_V$ ). Accordingly, Ogino detects a horizontal or vertical scanning frequency, but not a change in the vertical or horizontal scanning frequency like the present invention.

More specifically, as shown in FIG. 2 of Ogino, the output from a longitudinal line signal generation section 100 is provided to an OR gate 13. Ogino outputs a gate-on voltage to the OR gate 13. However, the gate-on voltage is not output according to a change of the vertical or horizontal scanning frequencies, like the present invention.


In contrast, the present invention outputs a gate-on voltage corresponding to a magnitude of the change of the vertical scanning frequency or the horizontal scanning frequency that is detected at the detection step. Accordingly, the gate-on voltage is only output when a change of a detected frequency is detected, contrary to Ogino. As an analogy, Ogino detects velocity, whereas the present invention detects acceleration. Since Ogino fails to disclose or suggest this feature, withdrawal of the §102(b) rejection is respectfully requested.

For all of the foregoing reasons, Applicants submit that this Application is in condition for allowance, which is respectfully requested. The Examiner is invited to contact the undersigned attorney if an interview would expedite prosecution.

Respectfully submitted,

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